PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference WOP050002				FOR FURTHER A	CTION	See Form PCT/IPEA/416				
International application No.				International filing dat	te (day/month/year)	Priority date (day/month/year)				
PCT/JP2005/002172			172	14.02.200	5	13.02.2004				
Internati	ional Pa	tent Classification	n (IPC) or natio	 onal classification and I	PC	<u> </u>				
H04R19/04, G01L9/00										
Applicant TOKYO ELECTRON LIMITED										
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 										
2.	This R	EPORT consists	of a total of _	3	sheets, including	this cover sheet.				
3.	3. This report is also accompanied by ANNEXES, comprising:									
	a. 🔀	(sent to the	applicant and	to the International Bu	reau) a total of	sheets, as follows:				
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).									
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental									
	. г	Box.								
	b	(sent to the	International I	Bureau only) a total of (indicate type and number	r of electronic carrier(s))				
		loted therete		mandahla famma anlır ar	indicated in the Commis-	, containing a sequence listing and/or tables				
	related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).									
4.	This re	eport contains ind	lications relati	ng to the following item	ıs:					
	\boxtimes	Box No. I	Basis of the	report						
		Box No. II	Priority							
		Box No. III	Non-establi:	shment of opinion with	regard to novelty, inventi	ive step and industrial applicability				
	Box No. IV Lack of unity			of invention						
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement									
		Box No. VI	Certain docu	uments cited						
		Box No. VII	Certain defe	ects in the international	application					
	Box No. VIII Certain observations on the international application									
Date of	submiss	ion of the demand	d		Date of completion of thi	s report				
Name and mailing address of the IPEA/JP					Authorized officer					
Facsimile No.					Telephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/002172

Box	No. I	I Basis of the report						
1.		th regard to the language, this report is based on the internation icated under this item.	al application in the language in which it was filed, unless otherwise					
		This report is based on translations from the original language which is the language of a translation furnished for the purpolar international search (Rule 12.3 and 23.1(b))						
		publication of the international application (Rule 12.4) international preliminary examination (Rule 55.2 and/o	- 55 2\					
2.	rece	th regard to the elements of the international application, this r	eport is based on (replacement sheets which have been furnished to the referred to in this report as "originally filed" and are not annexed to					
	$\overline{\boxtimes}$	the description:						
		pages1-6	as originally filed/furnished					
			received by this Authority on					
		pages*	received by this Authority on					
	\bowtie	the claims:						
		nos. <u>2-8</u>	as originally filed/furnished					
			as amended (together with any statement) under Article 19					
			received by this Authority on					
		nos.*	received by this Authority on					
		the drawings:						
		sheets Fig. 1 (A) - 5 (B)	as originally filed/furnished					
		-	received by this Authority on					
		sheets*	received by this Authority on					
	Н	a sequence listing and/or any related table(s) — see Suppleme	ntal Box Relating to Sequence Listing.					
3.	Ш	The amendments have resulted in the cancellation of:						
		the description, pages						
		the claims, nos.						
		the drawings, sheets/figs						
		the sequence listing (specify):						
4.		This report has been established as if (some of) the amendr they have been considered to go beyond the disclosure as file	nents annexed to this report and listed below had not been made, since ed, as indicated in the Supplemental Box (Rule 70.2(c)).					
		the description, pages						
		the claims, nos.						
		the drawings, sheets/figs						
		the sequence listing (specify):						
		any table(s) related to sequence listing (specify):						
*	If ite	em 4 applies, some or all of those sheets may be marked "supe	rseded."					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/002172

	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Statement					
Novelty (N)		1-8	YES		
	Claims		NO		
Inventive step (IS)		1-8	YES		
	Claims		NO		
Industrial applicability (IA)	Claims	1-8	YES		
	Claims		_ NO		
	Statement Novelty (N) Inventive step (IS)	Statement Novelty (N) Claims Claims Inventive step (IS) Claims Claims Claims Claims Claims Claims Claims Claims	Statement Novelty (N) Claims Claims Inventive step (IS) Claims Claims Claims 1-8 Claims 1-8 Claims 1-8 Claims 1-8 Claims 1-8 Claims The control of the problem of the probl		

- 2. Citations and explanations (Rule 70.7)
 - Document 1: JP 2001-231099 A (Sharp Corporation), 24

 August 2001, entire text; all drawings
 - Document 2: Microfilm of the specification and drawings annexed to the Japanese Utility Model
 Application No. 046153/1980 (Laid-open No. 147699/1981) (Lion Corporation), 6 November 1981, all pages; all drawings

Invention Set Forth in Claims 1 to 8

The invention set forth in claims 1 to 8 sets forth features of having a diaphragm provided on a substrate, and a rear electrode provided facing the diaphragm via a plurality of fixing portions provided so as not to come into contact with the diaphragm, wherein said plurality of fixing portions have a side with a predetermined length on the side adjacent to the diaphragm, and these features are neither disclosed nor suggested in any of the documents cited in the international search report.